INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050586

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02D41/38 F02D41/12 F02M63/02 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 FO2D FO2M FO4B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 03/023221 A (STANADYNE CORP) 1-4,6-10 20 March 2003 (2003-03-20) page 8, line 17 -page 9, line 27; figure 1 page 10, line 14 - line 20 DE 196 12 413 A (REXROTH MANNESMANN GMBH) X 1-4,6,7, 2 October 1997 (1997-10-02) column 3, line 9 -column 3, line 50 column 4, line 46 -column 5, line 39; column 8, line 41 - line 51 DE 197 14 489 C (SIEMENS AG) X 1,6 1 October 1998 (1998-10-01) column 3, line 46 -column 4, line 54; figures 1-4 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the *E* earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 10 August 2004 20/08/2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Pileri, P

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